



Sheet 1 of 1Form PTO-1449  
(REV. 8-83)US Dept. of Commerce  
PATENT & TRADEMARK OFFICEATTY DOCKET NO.  
111754APPLICATION NO.  
10/048,055

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS  
Shoichi AKAIWA et al.FILING DATE  
January 25, 2002GROUP  
2611

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
WK	1	JP A 03-52371 w/ abstract	03/06/1991	JAPAN		
WK	2	JP A 06-28095 w/ abstr. & trans.	02/04/1994	JAPAN		
WK	3	JP A 11-191027 w/abstr. & trans.	07/13/1999	JAPAN		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


EXAMINER

Vince Kovalick

DATE CONSIDERED

3/13/07

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: November 9, 2005



Sheet 1 of 1

Form PTO-142  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
WHL	1	5,751,814	05/12/1998	KAFRI		

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JUN 25 2004

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
WHL	2	JP A 2000-023149 w/ abst & trans	01/21/2000	Japan		
WHL	3	JP A 63-242055 w/ abst	10/07/1988	Japan		
WHL	4	JP A 2000-76028 w/ abst & trans	03/14/2000	Japan		
WHL	5	JP A 10-289106 w/ abst & trans	10/27/1998	Japan		
WHL	6	JP A 6-4238 w/ abst & trans	01/14/1994	Japan		
WHL	7	JP A 6-35807 w/ abst & trans	02/10/1994	Japan		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	8	Adobe Acrobat Reader 3.0 "Online Guide" XP-002279424 September 1996, pp. 46

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Date: June 24, 2004